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Variable Speed Generators (Electric Power Engineering Series) By Ion Boldea

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Part of the two-volume Electric Generators Handbook, Variable Speed Generators provides a comprehensive reference for the topologies, modeling, control, design, and testing of standard and emerging variable speed generator systems. The first five chapters examine

wound rotor induction generators for operation in stand-alone and power grid modes and cage rotor induction generators. The next four chapters target the automotive and aircraft industries, examining emerging systems for integrated starter alternators. The final chapters deal with PM generator systems and linear-motion alternators (LMAs). Case studies, digital simulations, and test results are provided throughout the book